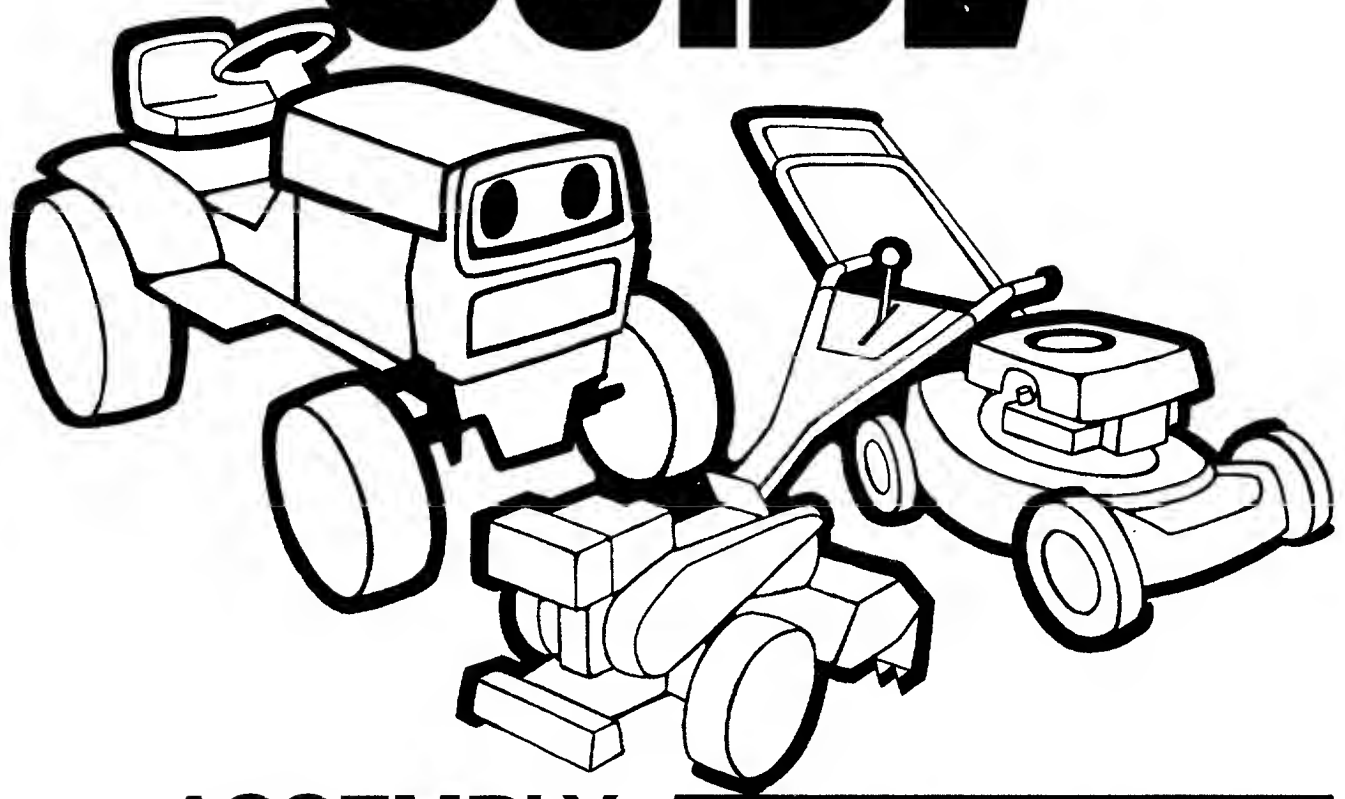


OWNER'S GUIDE



**ASSEMBLY
OPERATION
MAINTENANCE
PARTS LIST**

**IMPORTANT:
Read Safety Rules
and Instructions**

MODEL NUMBER

110-530A

22"

**HI-WHEEL
ROTARY
MOWER**

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LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

WARNING TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.

IMPORTANT

It is suggested that this manual be read in its entirety before attempting to assemble or operate. Keep this manual in a safe place for future reference and for ordering replacement parts.

This unit is shipped **WITHOUT GASOLINE** or **OIL**. After assembly, see operating section of this manual for proper fuel and amount.

Your rotary mower is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.

SAFE OPERATION PRACTICES FOR WALK-BEHIND MOWERS

TRAINING

1. Read the Operating and Service Owner's Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
2. Never allow children to operate a power mower. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
3. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidentally thrown by the mower in any direction.

PREPARATION

1. Thoroughly inspect the area where the equipment is to be used and remove all stones, sticks, wire, bones and other foreign objects which could be picked up and thrown by the mower in any direction.
2. Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Do not wear loose fitting clothing that could get caught on the mower.
4. Check the fuel before starting the engine. Do not fill the gasoline tank indoors, when the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine.
5. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine.
6. Never attempt to make a wheel or cutting height adjustment while the engine is running.
7. Mow only in daylight or in good artificial light.
8. Never operate the equipment in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk, never run.

OPERATION

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
3. Stop the blade(s) when crossing gravel drive, walks or roads.
4. After striking a foreign object, stop the engine, remove the wire from the spark plug,

thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop the engine whenever you leave the mower, before cleaning the mower housing, and when making any repairs or inspections.
7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
8. Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade(s) have stopped completely. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
9. Do not run the engine indoors.
10. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
11. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
12. Always disconnect electric mowers (line operated) before cleaning, repairing or adjusting.
13. Never operate mower without proper guards, plates or other safety protective devices in place.
14. Keep washout ports and other mower-housing service openings closed when mowing.

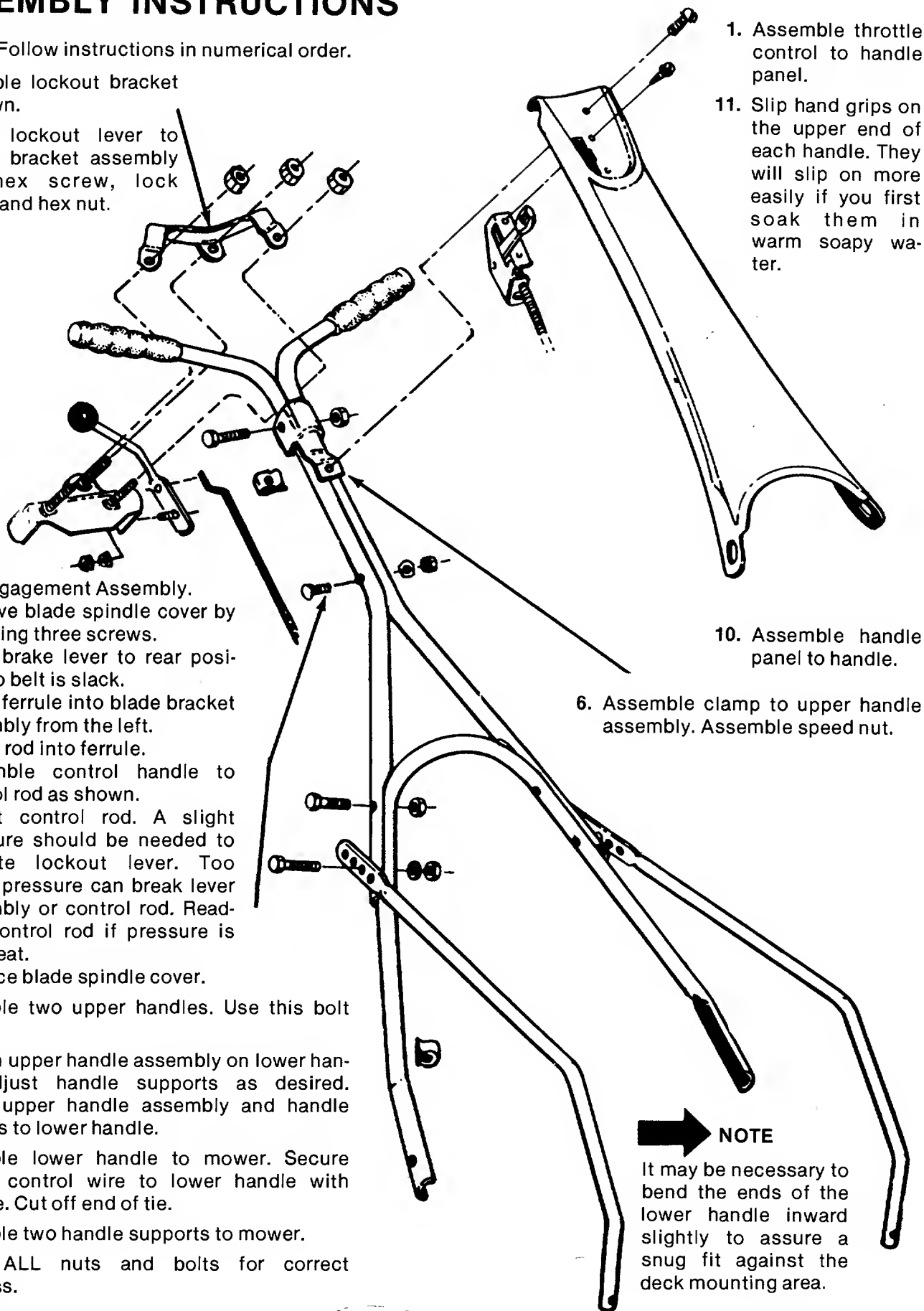
MAINTENANCE AND STORAGE

1. Check the blade and engine mounting bolts at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
4. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.
5. Check the grass catcher bag frequently for wear or deterioration. For safety protection replace only with new bag meeting original equipment specifications.

ASSEMBLY INSTRUCTIONS

NOTE: Follow instructions in numerical order.

7. Assemble lockout bracket as shown.
8. Fasten lockout lever to lockout bracket assembly with hex screw, lock washer and hex nut.
9. Blade Engagement Assembly.
 - a. Remove blade spindle cover by removing three screws.
 - b. Move brake lever to rear position so belt is slack.
 - c. Insert ferrule into blade bracket assembly from the left.
 - d. Screw rod into ferrule.
 - e. Assemble control handle to control rod as shown.
 - f. Adjust control rod. A slight pressure should be needed to operate lockout lever. Too much pressure can break lever assembly or control rod. Readjust control rod if pressure is too great.
 - g. Replace blade spindle cover.
3. Assemble two upper handles. Use this bolt only.
5. Position upper handle assembly on lower handle. Adjust handle supports as desired. Fasten upper handle assembly and handle supports to lower handle.
2. Assemble lower handle to mower. Secure throttle control wire to lower handle with cable tie. Cut off end of tie.
4. Assemble two handle supports to mower.
12. Check ALL nuts and bolts for correct tightness.



1. Assemble throttle control to handle panel.
11. Slip hand grips on the upper end of each handle. They will slip on more easily if you first soak them in warm soapy water.

10. Assemble handle panel to handle.

6. Assemble clamp to upper handle assembly. Assemble speed nut.

NOTE

It may be necessary to bend the ends of the lower handle inward slightly to assure a snug fit against the deck mounting area.



CAUTION

Please note that the chute deflector on your mower is in an upright position. It is held in that position by a shipping block. This block is used for shipping purposes only. It must be removed and discarded before your mower is put into operation. See figure 1.

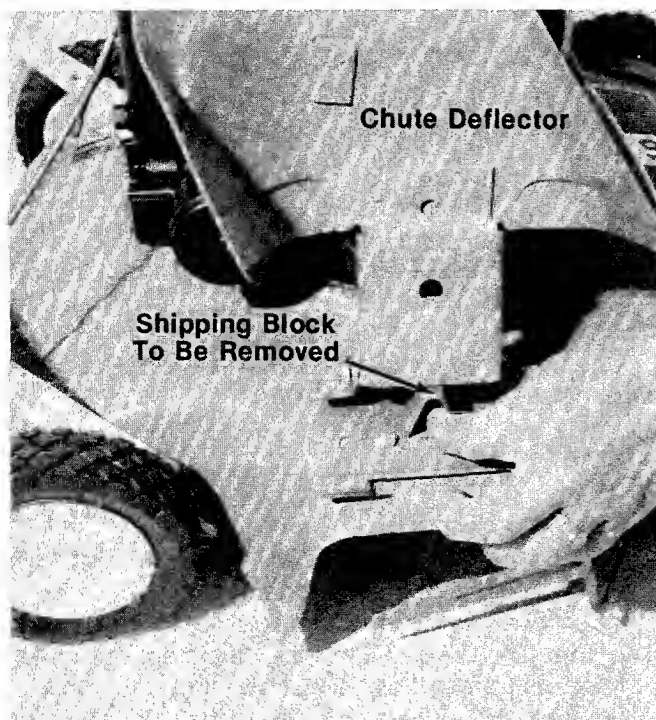


FIGURE 1.

OPERATION



CAUTION

**DO NOT OPERATE
MOWER UNLESS
GUARD OR ENTIRE
GRASS CATCHER IS
IN ITS PROPER PLACE.**



FIGURE 2.

Keep hands and feet away from the chute area on cutting deck. See figure 2.



NOTE

For shipping purposes your mower is set with the wheels in a low cutting height position. For best results raise the cutting position until it is determined which height is best for your lawn. See adjustment section.

1. Before starting engine, check lubrication section.
2. Check lockout control handle for proper operation. If too great a pressure is needed to operate this control, damage can be done to the mechanism and the rod. Readjust so only slight pressure is needed to operate the blade engaging control. See assembly instructions Step 9.
3. **FILL SUMP WITH OIL** using a high quality detergent oil classified "For Service SC, SD, SE or MS". Nothing should be added to the recommended oil.

SUMMER
(Above 40° F.)
Use SAE 30
If not available,
Use SAE 10W-30
or
SAE 10W-40

WINTER
(Under 40° F.)
Use SAE 5W-20 or SAE 5W-30
If not available,
Use SAE 10W or SAE 10W-30

DIRECTIONS: Place the engine level. Remove oil filler plug. **FILL THE OIL SUMP TO POINT OF OVERFLOW.** Pour slowly. Capacity 1¾ pints.

4. **FILL FUEL TANK** using clean, fresh, lead-free or leaded "regular" grade automotive gasoline. Fill tank completely!
DO NOT MIX OIL WITH GASOLINE.
5. Move control handle to "OFF" position.
6. Move throttle control lever to "CHOKE" position.
7. Crank engine. Move throttle control to "FAST" position as soon as engine fires. Use choke as needed to keep engine running during warm up period.
8. Put blade into motion by moving blade control handle to "ON" position.
To engage the blade with the engine running...
 - a. Move the throttle control lever to "FAST" position.
 - b. Engage the blade engagement handle **SLOWLY**.
 - c. Adjust engine speed.
9. A brief break-in period is essential to insure maximum engine and mower life. This consists of running the engine at half speed for a period of time required to use one tank of gasoline. It is also recommended to change crankcase oil after the first five hours of operation or as operating conditions dictate. Always check oil before operating the mower. **BE SURE CRANKCASE IS FULL.**
10. Proper lubrication must be maintained at all times.
11. Appropriate clothing should be worn when cutting brush or heavy weeds. Safety shoes and safety glasses are highly recommended.
12. Be sure that lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.



IMPORTANT

After striking a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

TO STOP ENGINE

The engine is stopped by moving the throttle control lever to "STOP" position.

ADJUSTMENTS



CAUTION

Do not at any time make any adjustment to lawn mower without first stopping engine and disconnecting spark plug wire.

CONTROL ROD ADJUSTMENT

Control rod adjustments are made as shown under assembly instructions Step 9.

HANDLE ADJUSTMENT

Handles may be adjusted by changing the position of the lower support mounting holes. When this change is made, it may also be necessary to check the adjustment of control rod. See Step 9 under assembly instructions.

CUTTING HEIGHT

Cutting height adjustment is made by removing and moving axle bolts to the desired positions. All axle bolts must be mounted in the same relative position to the deck. When wheels are mounted to the deck, **the belleville washers must be assembled with the cupped side towards the deck.** This is necessary to prevent the axle bolts from loosening.

THROTTLE

If adjustment becomes necessary, the throttle control wire assembly can be reset as follows:

1. Loosen, but do not remove, screw securing throttle control wire assembly at engine. See figure 3.
2. Move throttle control lever on handle to "CHOKE" position.
3. Move lever, to which control wire is fastened at engine, to full open position. Retighten screw to secure throttle control wire assembly.

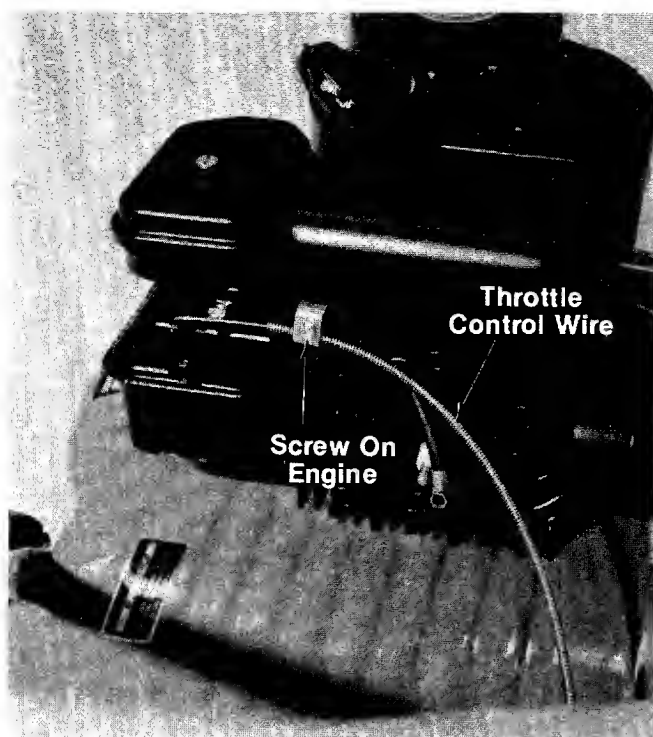


FIGURE 3.



WARNING

If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts and be careful of heated surfaces and muffler.

CARBURETOR ADJUSTMENTS (See figure 4.)

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load.

Initial Adjustment:

Turn needle valve clockwise to close it. Then open 2 turns. This initial adjustment will permit the engine to be started and warmed up before making final adjustment.

Final Adjustment:

With engine running at normal operating speed (approximately 3000 RPM without load), turn needle valve clockwise until engine starts to lose speed (lean mixture). Then slowly turn needle valve counterclockwise past the point of smoothest operation, until engine just begins to run unevenly. This mixture will give best performance under load.

To check adjustment, move engine control from SLOW to FAST speed. If engine tends to stall or die out, it usually indicates that the mixture is slightly lean. It may be necessary to open the needle valve slightly to provide a richer mixture. This richer mixture may cause a slight unevenness in idling.

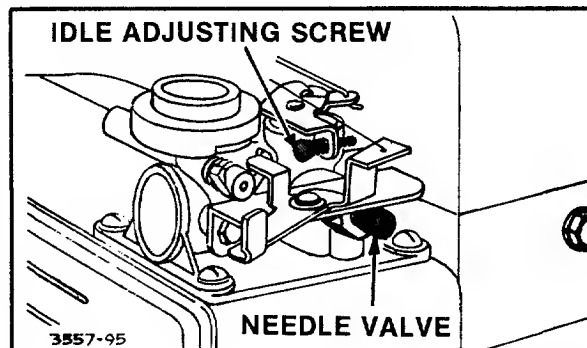


FIGURE 4.

LUBRICATION



IMPORTANT

Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn mower.

Wheels—Unit is provided with ball bearing wheels. Lubricate at least once a season with light oil.

Protective Shield—The pivot points on the protective shield should be lubricated periodically with light oil to prevent any rust or binding.

Chute Deflector—The torsion spring and pivot point should be lubricated periodically with light oil to prevent any rust or binding. Deflector must work freely.

Engine—Follow engine manual for lubrication instructions. Check oil level before each use.

Throttle—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil (SAE No. 10 or 20) for ease of operation.

Friction point between idler bracket assembly (Ref. No. 18 on page 16) and deck should be greased once each season with a multi-purpose grease.

Blade Spindle Assembly—The blade spindle assembly is equipped with a grease fitting. Use grass discharge chute for access to the fitting located under the deck. Use multi-purpose grease. Lubricate PRIOR to initial use and every 25 hours thereafter.

MAINTENANCE

CUTTING BLADE

The blade may easily be removed for grinding or replacement as follows:

1. Remove bolt and lock washer holding blade and blade adapter to blade spindle.
2. Remove blade and blade adapter from blade spindle.
3. Remove two bolts, lock washers and nuts holding blade to blade adapter (if necessary).

When sharpening blade, follow the original angle of grind as a guide. It is extremely important that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds and may cause damage to the mower.

To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

DECK

The underside of mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next cutting.

The deck may be cleaned by tilting the mower forward or on its side and scraping clean with a suitable tool or by washing with a stream of water from a garden hose.



CAUTION

Do not direct the stream of water at a hot engine as damage to the engine may result.

ENGINE OIL

Check Oil Level before starting engine and after every 5 hours of operation or each period of use.

ADD oil as necessary to keep level FULL TO POINT OF OVERFLOWING.

Before removing oil fill plug, clean area around plug to prevent dirt from entering oil fill hole.

Engine should be in a level position when checking oil.

Change Oil after first 5 hours of operation. Thereafter change every 25 hours. Change oil while engine is warm. Oil may be drained from oil fill hole by tipping unit on its side. Oil capacity 1 3/4 pints. See figure 5.

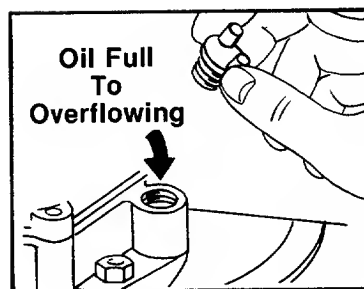


FIGURE 5.
AIR CLEANER

Clean Air Cleaner and re-oil element every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced. See figure 6.

1. Remove screw.
2. Remove air cleaner carefully to prevent dirt from entering carburetor.
3. Take air cleaner apart and clean.
 - a. WASH foam element in kerosene or a liquid detergent and water to remove dirt.
 - b. DRY foam completely by wrapping and squeezing in a cloth.
 - c. SOAK foam with engine oil. Squeeze to distribute and remove excess oil.
4. Reassemble parts and fasten to carburetor.

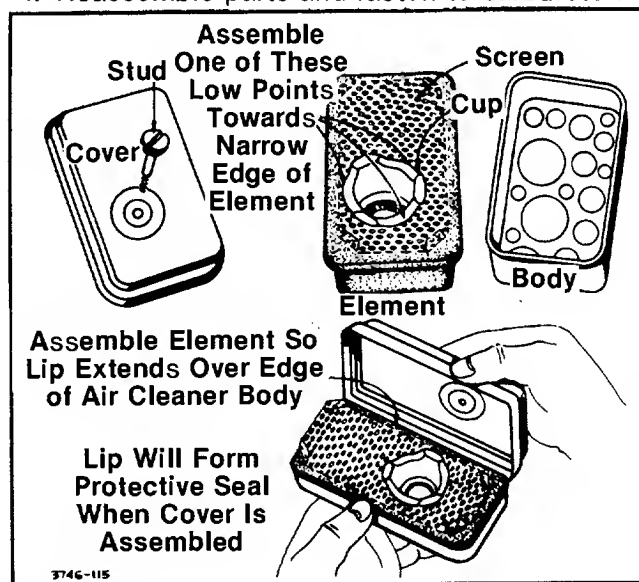


FIGURE 6.
SPARK PLUG

The spark plug gap should be cleaned (see figure 7) and reset to a 0.030-inch clearance once a season (see figure 8). Spark plug replacement is recommended at the start of each mowing season; check engine parts list for correct plug type.

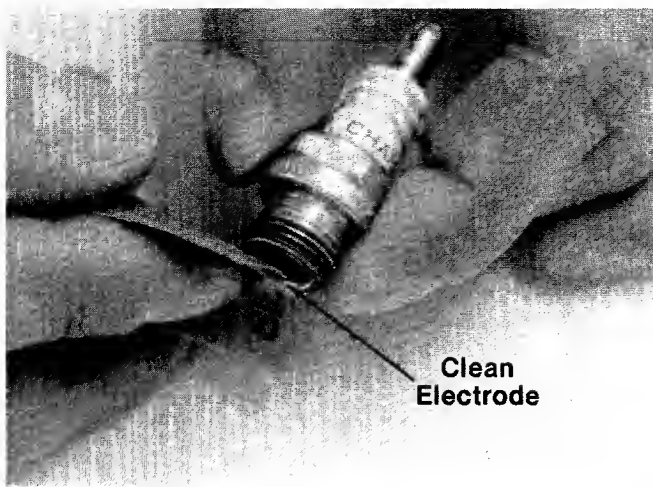


FIGURE 7.

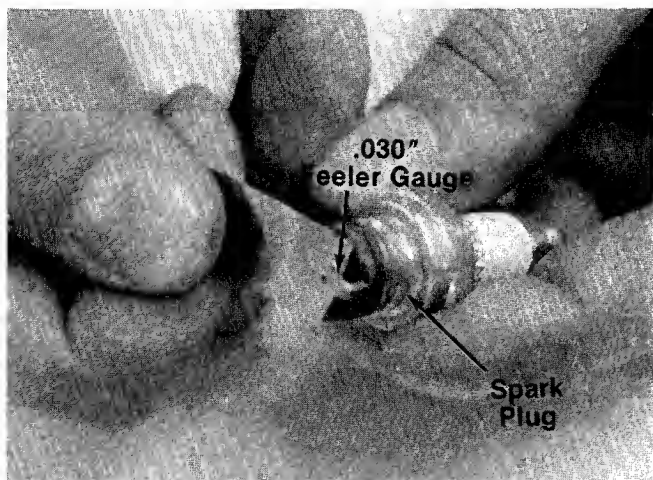


FIGURE 8.



Whenever the spark plug is removed for cleaning, it is advisable to replace the spark plug gasket with a new gasket.

BELT REPLACEMENT

Belt replacement may be made as follows:

1. Remove blade spindle cover.
2. Remove front belt guard.
3. Remove blade tension spring.
4. Loosen belt on bracket of idler bearing assembly.
5. Remove bracket lever assembly.
6. Remove damaged or worn belt.
7. Place new belt on engine pulley. Do not bend belt guard pins. Belt should be inside of pins.

8. Work belt to front and mount on blade spindle pulley. Replace front belt guard.
9. Replace brake lever assembly.
10. Slip belt on idler pulley between pulley and belt bracket.
11. Replace blade tension spring.
12. Move blade lock out handle to "ON" position.
13. Position belt bracket on idler pulley to clear the tightened belt. Secure belt bracket in position. See drawing on page 10.
14. Replace blade spindle cover.



To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

USING YOUR ROTARY MOWER

For the best results do not cut wet grass because it tends to stick to the underside of the mower, thus preventing proper discharge of grass clippings. If wet grass must be cut, reduce walking speed to help distribute the clippings more effectively.

New grass should be treated as wet grass, otherwise a normal walking speed is about the right pace for efficient mowing.

The best mowing pattern is one that allows the clippings to discharge towards the uncut part of the lawn. This permits recutting of the clippings to further pulverize them. When cutting high weeds, discharge towards cut portion, then recut at right angles to first direction.

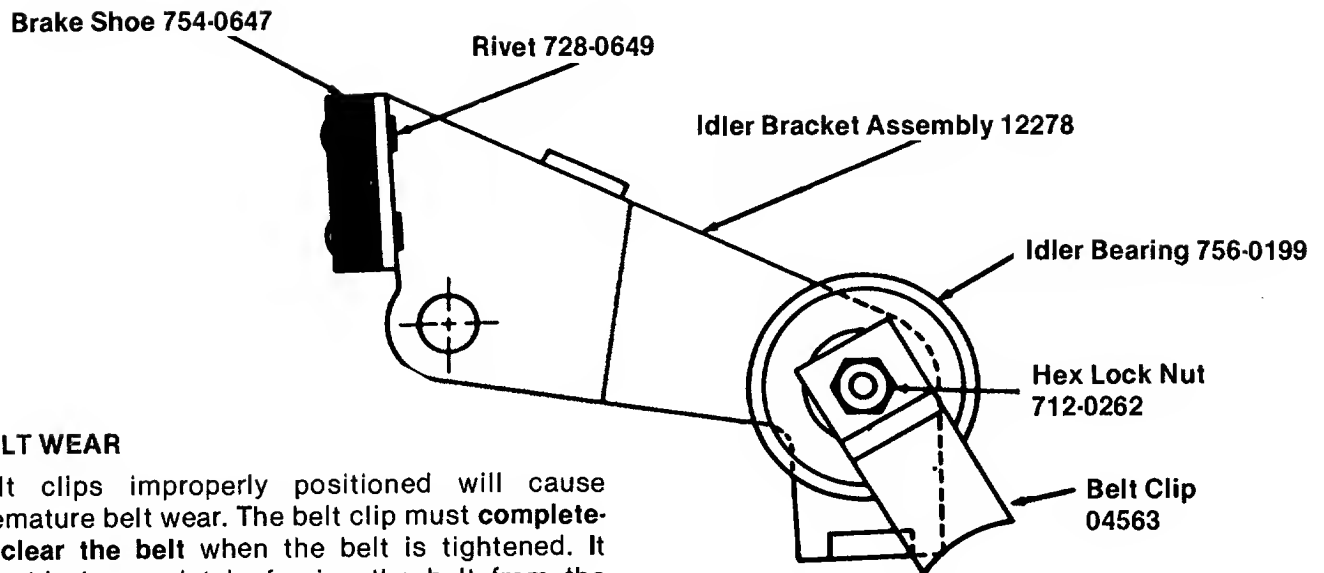
Lawn should be cut in the fall as long as there is growth.

OFF-SEASON STORAGE

The following steps should be taken to prepare lawn mower for storage.

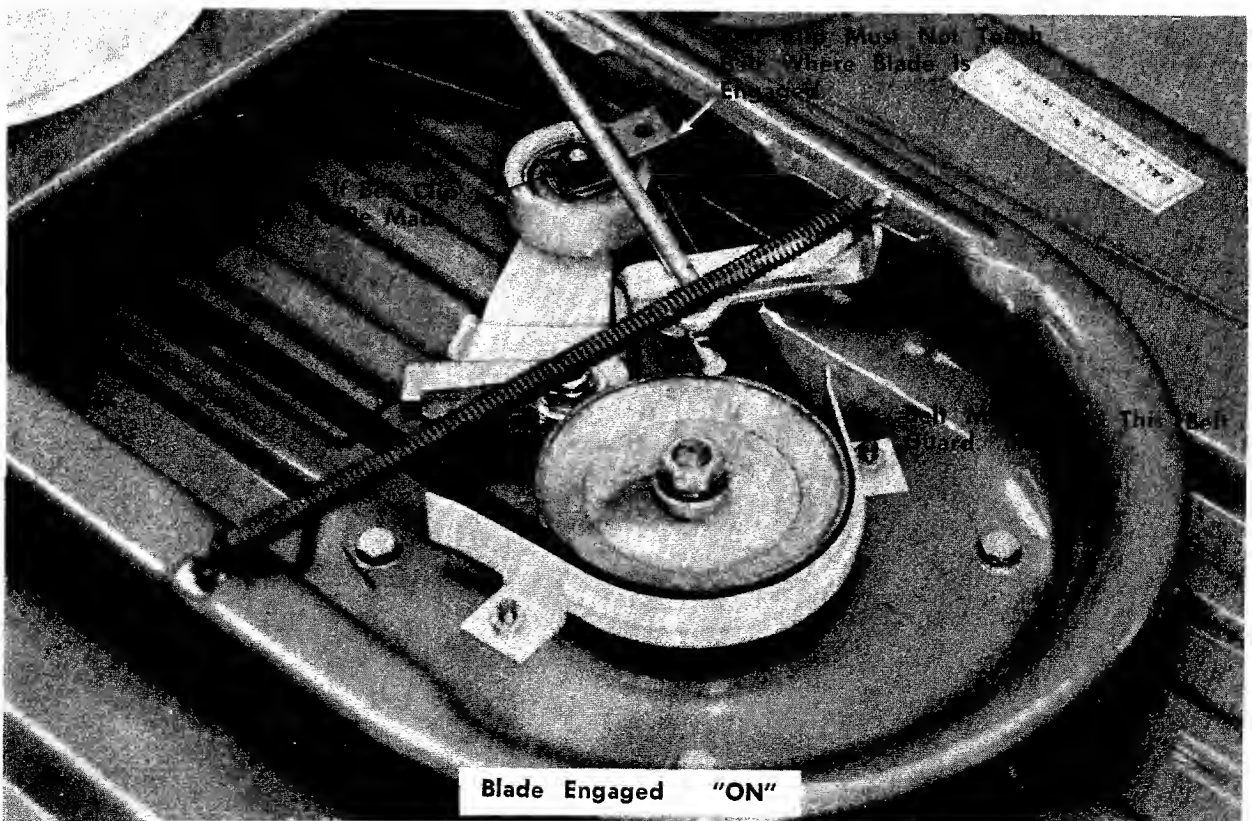
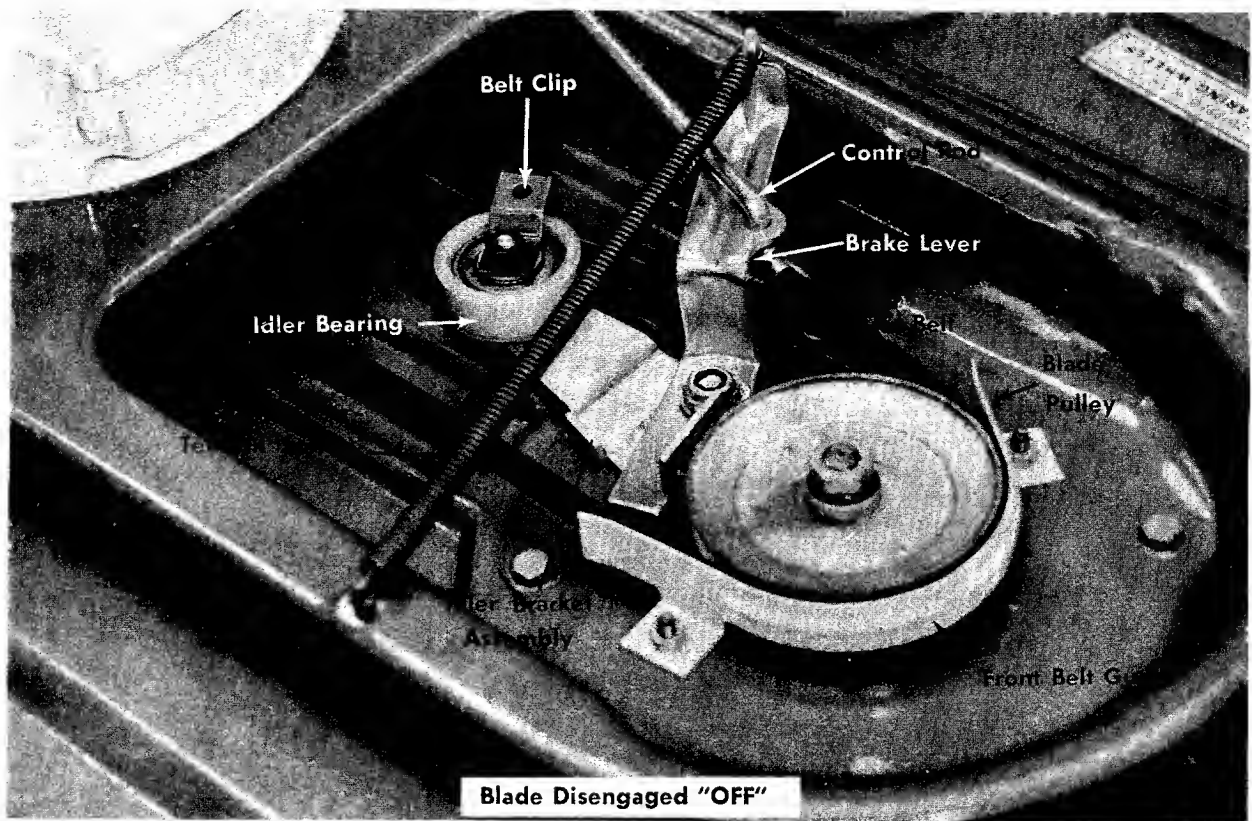
1. Clean and lubricate mower thoroughly as described in the lubrication instructions.
2. Refer to Engine Manual for correct engine storage instructions.
3. Coat mower's cutting blade with chassis grease to prevent rusting.
4. Place blocks under deck to raise tires clear of floor.
5. Store mower in a dry, clean area.

BLADE IDLER BRACKET ASSEMBLY DETAIL



BELT WEAR

Belt clips improperly positioned will cause premature belt wear. The belt clip must **completely clear the belt** when the belt is tightened. It should also assist in freeing the belt from the blade spindle pulley when the belt is loose. This may be checked by removing the blade spindle cover.





NOTE

The manufacturer DOES NOT recommend the use of any accessory on this Rotary Mower other than those manufactured by the mower manufacturer.

GRASS CATCHER Model No. 190-003A is available as optional equipment for the mowers shown in this manual.



WARNING

1. The mower should not be operated without the entire grass catcher or chute deflector in place.
2. The mower should not be operated without the protective shield on the rear of the deck in place.



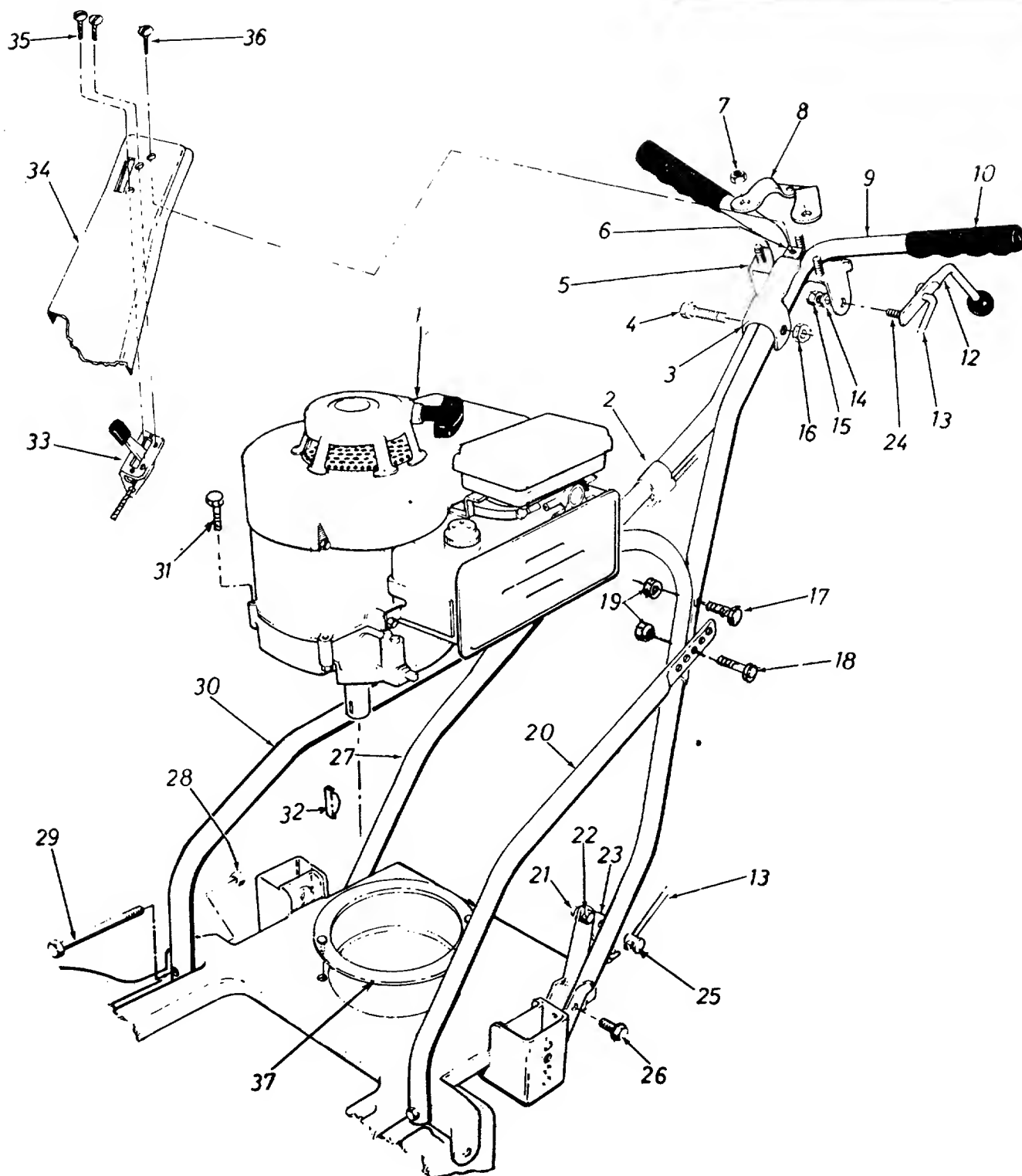
NOTE:

Under normal usage bag material is subject to wear and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag No. 764-0176.

110-530A

IF YOU WRITE TO US ABOUT THIS ARTICLE
OR IF YOU ORDER REPLACEMENT PARTS AL-
WAYS MENTION THIS MODEL & SERIAL NO
MODEL



PARTS LIST FOR MODEL 110-530A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	—		Engine	
2	726-0188		Cable Tie	
3	07861		Clamp Bracket	
4	710-0136		Hex Bolt 1/4-20 x 1.75" Lg.*	
5	08376		Lockout Brkt. Ass'y.	
6	712-0526		Speed Nut #10-24	
7	712-0107		Hex Center L-Nut 1/4-20 Thd.	
8	08378		Clamp Bracket	
9	09354		Upper Handle (2-Req'd)	
10	720-0157		Grip	
12	08373		Lockout Lever Ass'y. with Plastic Ball	
13	711-0180		Control Rod	
14	736-0108		FI-Wash. .510 I.D. x .750 O.D.	
15	712-0117		Hex Cent. L-Nut 1/4-28 Thd.	
16	712-0107		Hex Center L-Nut 1/4-20 Thd.	
17	710-0606		Hex Bolt 1/4-20 x 1.50" Lg.*	
18	710-0606		Hex Bolt 1/4-20 x 1.50" Lg.*	
19	712-0107		Hex Center L-Nut 1/4-20 Thd.	
20	08327		Lower Handle Support—L.H.	
21	712-0181		Hex Top L-Nut 3/8-16 Thd.	
22	738-0234		Shld. Bolt .500" Dia. x .295	
23	09372		Pivot Bracket	
24	710-0412		Hex Bolt 1/4-28 x .75" Lg. Gr. 5	
25	711-0179		Adjustable Ferrule	
26	710-0209		Hex Sems Bolt 3/8-16 x .62" Lg.	
27	09362		Lower Handle	
28	712-0107		Hex Center L-Nut 1/4-20 Thd.	
29	710-0102		Hex Bolt 1/4-20 x 2.50" Lg.*	
30	08328		Lower Handle Support—R.H.	
31	710-0158		Hex Bolt 5/16-24 x 1.25"	
32	714-0365		#6 Hi-Pro Key 5/32 x 5/8 Dia.	
33	746-0171		Throttle	
34	11815 —462		Control Panel	
35	710-0227		Hex Wash. Hd. AB-Tapp Scr. #8 x .38" Lg.	
36	710-0192		Truss Mach. Scr. #10-24 x .38	
37	08325 —462		Belt Trap Ass'y.	

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Red Flake Finish—11815 (462).)

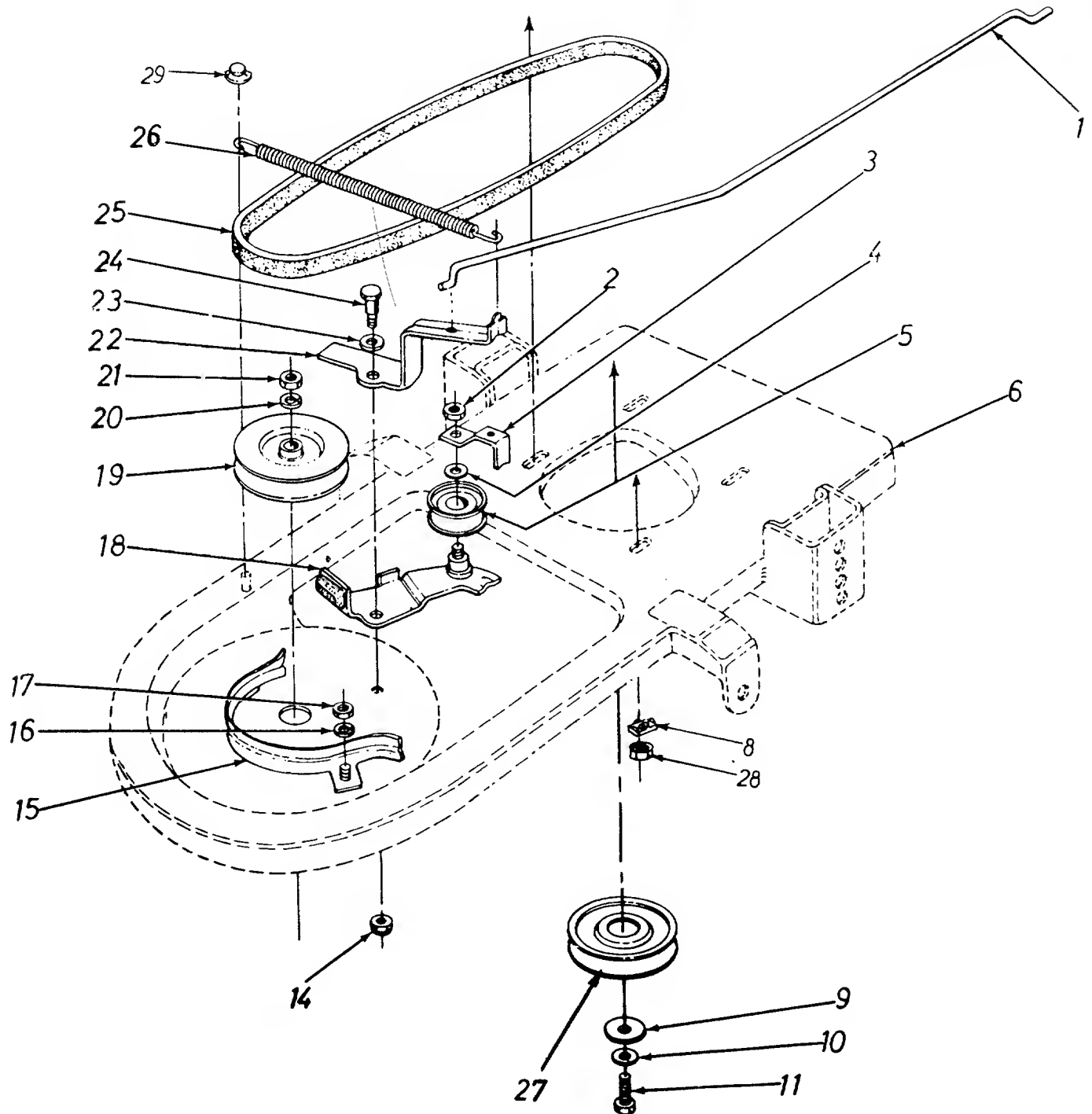
NOTE: The engine is not under warranty by the mower manufacturer . . . If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."



This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.

110-530A

IF YOU WRITE TO US ABOUT THIS ARTICLE
OR IF YOU ORDER REPLACEMENT PARTS AL
WAYS MENTION THIS MODEL & SERIAL NO
MODEL



PARTS LIST FOR MODEL 110-530A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	09373		Control Rod	
2	712-0262		Hex Ins. Jam Nut 3/8-24 Thd.	
3	04563		Belt Clip	
4	736-0300		Fl-Wash.	
5	756-0199		Flat Idler with Flange	
6	12581	—462	Frame Ass'y.	
8	736-0170		Special L-Wash. 5/16" Scr.	
9	07386		Fl-Wash. .406" I.D. x 1.25" O.D. x .164	
10	736-0169		L-Wash. 3/8" Scr.*	
11	710-0152		Hex Scr. 3/8-24 x 1.00" Lg. H.T.	
14	712-0181		Hex Top L-Nut 3/8-16 Thd.	
15	08324	—462	Belt Guard	
16	736-0329		L-Wash. 1/4" Scr.*	
17	712-0287		Hex Nut 1/4-20 Thd.*	
18	12278		Idler Brkt. Ass'y. w/Brake Shoe	
19	09925		Sheave Ass'y.—4" Dia. (Blade Spindle)	
20	736-0921		L-Wash. 1/2" Scr.*	
21	712-0200		Hex Ins. Nut 1/2-20 Thd.	
22	09371		Brake Lever	
23	736-0463		Fl-Wash. .296 I.D. x .62" O.D. x .059	
24	738-0234		Shoulder Bolt .500" Dia. x .295	
25	754-0109		"V"-Belt 1/2" x 43" Lg.	
26	732-0158		Blade Tension Spring	
27	756-0206		Engine Pulley 4.00" O.D.	
28	712-0123		Hex Nut 5/16-24 Thd.*	
29	726-0111		Push Cap	

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

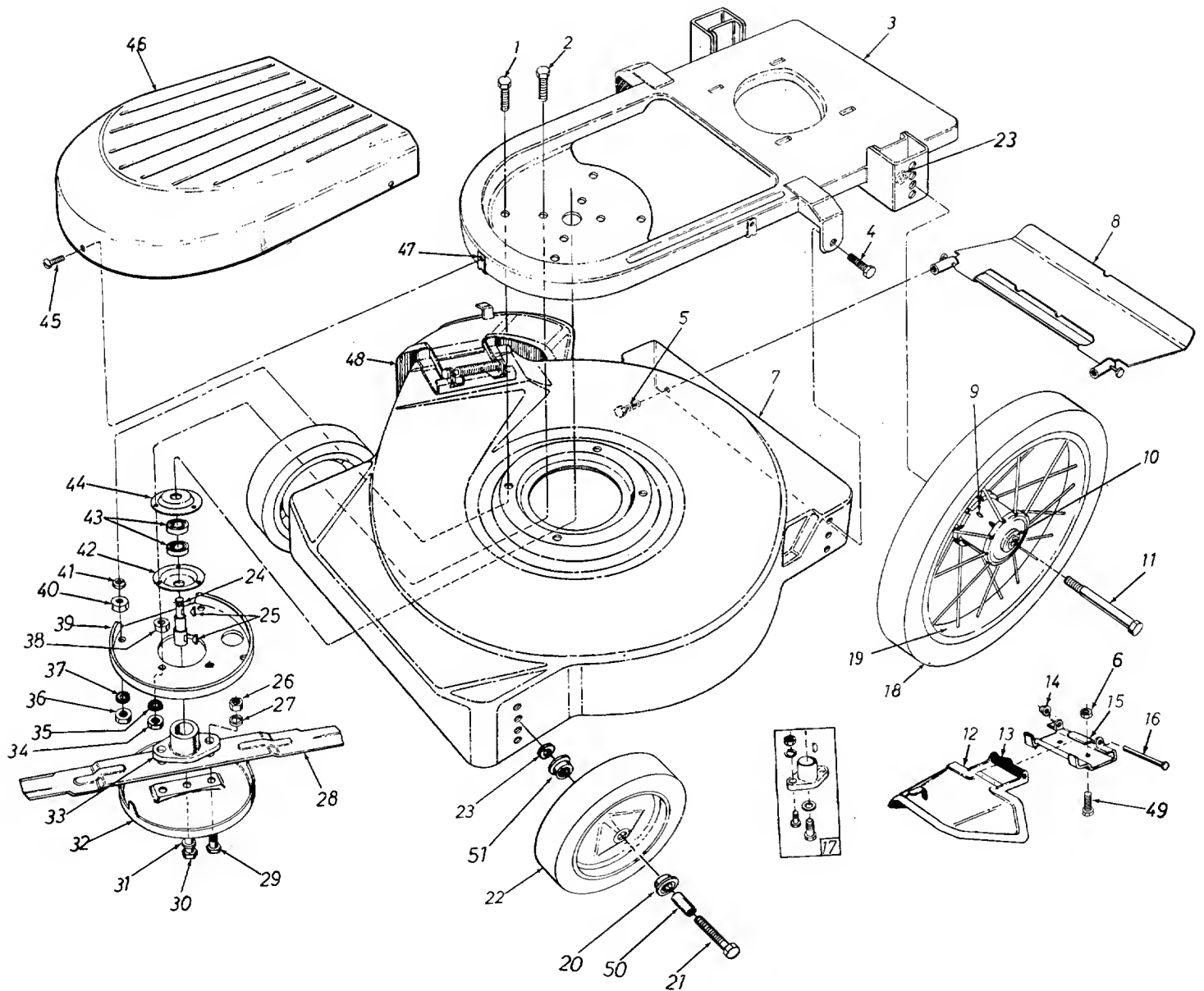
When ordering parts, if color or finish is important use the appropriate color code shown above (e.g. Red Flake Finish—11815 (462).)

The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines — Gasoline."



110-530A

IF YOU WRITE TO US ABOUT THIS ARTICLE
OR IF YOU ORDER REPLACEMENT PARTS AL-
WAYS MENTION THIS MODEL & SERIAL NO
MODEL



PARTS LIST FOR MODEL 110-530A

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	710-0116		Hex Bolt 5/16-18 x 2.00" Lg.*		25	714-0365		#6 Hi-Pro Key 5/32 x 5/8" Dia.	
2	710-0158		Hex Bolt 5/16-24 x 1.25" Lg.*		26	712-0123		Hex Nut 5/16-18 Thd.*	
3	12581	—462	Frame Ass'y.		27	736-0119		L-Wash. 5/16" Scr.*	
4	710-0209		Hex Sems Bolt 3/8-16 x .62" Lg.*		28	742-0125		22" Blade	
5	710-0567		Hex Sems Bolt 1/4-28 x 5/8" Lg.		29	710-0117		Hex Bolt 5/16-24 x 1.00" H.T.	
6	712-0271		Hex Sems Nut 1/4-20 Thd.		30	710-0459		Hex Bolt 3/8-24 x 1.50" Lg. H.T.	
7	12422	—462	Deck Ass'y.—22 in.		31	736-0217		L-Wash. 3/8" Scr. H.D.	
8	11197		Protective Shield Ass'y.—Comp.		32	07919		Scalp Plate	
9	718-0132		Oil Cap		33	10769		Blade Adapter Kit	
10	741-0113		Ball Brg. .504 I.D. x 1.38 Dia.		34	712-0123		Hex Nut 5/16-24 Thd.*	
11	738-0114		Shoulder Bolt .498" Dia. x 4.755"		35	736-0119		L-Wash. 5/16" Scr.*	
12	11679	—462	Chute Deflector Ass'y.		36	712-0267		Hex Nut 5/16-18 Thd.*	
13	732-0253		Torsion Spring		37	736-0119		L-Wash. 5/16" Scr.*	
14	726-0106		Push Cap		38	712-0123		Hex Nut 5/16-18 Thd.*	
15	11130	—462	Adapter Plate		39	12281		Blade Reinforcement Plate	
16	711-0555		Pivot Pin		40	712-0267		Hex Nut 5/16-18 Thd.*	
17	10769		Blade Adapter Kit		41	736-0119		L-Wash. 5/16" Scr.*	
18	734-0439		16" Rear Wheel Ass'y.—Comp.		42	08253		Bearing Housing	
19	734-0180		16" Rear Wheel—Less Tire		43	741-0919		Ball Bearing	
	734-0392		Semi Pneumatic Tire 16 x 1.75		44	08253		Bearing Housing	
20	741-0267		Ball Brg. 3/8" I.D.		45	710-0192		Truss Hd. Mach. Scr. 10-24 x .38 Lg.	
21	710-0427		Hex Bolt 3/8-16 x 2.00" Lg.*		46	08295	—452	Blade Spindle Cover	
22	734-0643		Front Wheel Ass'y. Comp.		47	712-0526		Speed Nut #10-24	
23	736-0105		Belleville Washer		48	11679	—462	Chute Deflector Ass'y.—Comp.	
24	738-0251		Blade Spindle		49	710-0289		Hex Bolt 1/4-20 x .50" Lg.*	
					50	750-0434		Spacer	
					51	741-0484		Ball Bearing 1/2" I.D.	

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

When ordering parts, if color or finish is important, use the appropriate color code shown at left. (e.g. Red Flake Finish—11815 (462).)

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PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, parts number, description of parts and the quantity of each part required.

ALABAMA	BIRMINGHAM
Auto Electric & Carburetor Co.	2625 4th Ave. S. 35233
ARKANSAS	FORT SMITH
Mity Mite Motors, Inc.	4515 South 16th Street 72901
	NORTH LITTLE ROCK
Sutton's Lawn Mower Shop	Rt. 4 Box 368. 72117
CALIFORNIA	PORTERVILLE
Billious	75 North D Street 93257
	SAN BERNARDINO
Lawn Mower Supply Co.	25608 E. Baseline 92410
	SAN FRANCISCO
J.W. Jewett Co.	981 Folsom St. 94107
COLORADO	DENVER
South Denver Lawn Equip.	527 West Evans 80223
FLORIDA	JACKSONVILLE
Radco Distributors	2403 Market St. 32206
	OPA LOCKA
Small Eng. Dist.	2351 N.W. 147th St. 33054
GEORGIA	EAST POINT
East Point Cycle & Key.	2834 Church St. 30344
ILLINOIS	LYONS
Keen Edge Co.	8615 Ogden Ave. 60534
INDIANA	ELKHART
Parts & Sales Inc.	2101 Industrial Pkwy. 46514
IOWA	DUBUQUE
Power Lawn & Garden Equip.	2551 J.F. Kennedy. 52001
LOUISIANA	NEW ORLEANS
Suhren Engine Co.	8330 Earhart Blvd. 70118
MARYLAND	TAKOMA PARK
Center Supply Co.	6867 New Hampshire Ave. 20012
MASSACHUSETTS	SPRINGFIELD
Morton B. Collins Co.	300 Birnie Ave. 01107
MICHIGAN	LANSING
Lorenz Service Co.	2500 S. Pennsylvania. 48910
	MOUNT CLEMENS
Power Equipment Dist.	36463 South Gratiot .. 48043
MINNESOTA	HOPKINS
Hance Distributing Inc.	420 Excelsior Ave. W. 55343
	ST. PAUL
Power Tools Inc.	3771 Sibley Memorial Hwy. .. 55122
MISSISSIPPI	BILOXI
Biloxi Sales & Service, Inc.	506 Caillavet St. 39533
MISSOURI	KANSAS CITY
Automotive Equip. Service	3117 Holmes St. 64109
	ST. JOSEPH
Ross-Frazier Supply Co.	8th and Monteray 64503
	ST. LOUIS
Henzler, Inc.	2015 Lemay Ferry Rd. 63125
NEW JERSEY	BELLMAWR
Lawnmower Parts Inc.	717 Creek Rd. 08030
	RUTHERFORD
Feld Distributor	28 Glen Rd. 07070
NEW YORK	CARTHAGE
Gamble Dist., Inc.	West End Ave. 13619

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

	SYRACUSE
GTP Leisure Products Inc.	420 Marcellus St. 13204
NORTH CAROLINA	GOLDSBORO
Smith Hardware Co.	515 N. George St. 27530
	GREENSBORO
Dixie Sales Company	327 Battleground Ave. 27402
OHIO	CARROLL
Stebe's Mid-State Mower Supply ...	Box 366-71 High St. ... 43112
	CLEVELAND
Bleckrie, Inc.	7900 Lorain Ave. 44102
	WADSWORTH
National Central.	687 Seville Rd. 44281
	YOUNGSTOWN
Burton Supply Co.	1301 Logan Ave. Box 929 .. 44501
OKLAHOMA	ADA
Ada Auto Supply	301 E. 12th St. 74820
	MUSKOGEE
Victory Motors, Inc.	605 S. Cherokee. 74401
	OKLAHOMA CITY
Forest Sales Inc.	1039 NW 63rd St. 73116
OREGON	PORTLAND
Kenton Supply Co.	8216 N. Denver Ave. .. 97217
PENNSYLVANIA	CHESTER
Stull Equipment Corp.	742 W. Front St. 19013
	HARRISBURG
EECO Inc.	4021 N. 6th St. 17110
	PHILADELPHIA
Thompson Rubber Co.	5222-24 N. Fifth St. 19120
	PITTSBURGH
Bluemont Co.	11125 Frankstown Rd. 15235
TENNESSEE	KNOXVILLE
Master Repair Service.	2000 Western Ave. 37921
	MEMPHIS
Memphis Cycle & Supply Co.	421 Monroe Ave. 38103
American Sales & Service, Inc.	1922 Lynnbrook. 38116
TEXAS	DALLAS
Marr Brothers, Inc.	423 E. Jefferson. 75203
	FORT WORTH
Woodson Sales Corp.	1702 N. Sylvania 76111
	HOUSTON
Bullard Supply Co.	2409 Commerce St. 77003
	SAN ANTONIO
Catto & Putty, Inc.	414 Live Oak 78298
UTAH	SALT LAKE CITY
A-1 Engine & Mower Co.	437 E. 9th St. 84111
VERMONT	BURLINGTON
Vermont Hdwe. Co. Inc.	180 Flynn Ave. 05401
VIRGINIA	RICHMOND
RBI Corp.	963 Myers St. 23260
WASHINGTON	SEATTLE
Bailey's Inc.	1414 14th Ave. 98102
WEST VIRGINIA	CHARLESTON
Young's, Inc.	233 Virginia St., E. 25301
WISCONSIN	APPLETON
Automotive Supply Co.	123 S. Linwood Ave. .. 54911

WARRANTY PARTS AND SERVICE POLICY

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number of unit involved.
2. Date unit was purchased or first put into service.
3. Date of failure.
4. Nature of failure.